

MODEL NUMBER
CPL-5232-20-SMA-79

NOTES:

1.0 ELECTRICAL SPECIFICATIONS:

- 1.1 FREQUENCY RANGE: 2.0 to 18.0 GHz
- 1.2 FREQ. SENSITIVITY: ± 0.50 dB
- 1.3 COUPLING (INCLUDING FREQ. SENSITIVITY):
20 dB ± 1.0 dB (MEASURED WITH RESPECT TO OUTPUT).
- 1.4 VSWR (MAX): 1.40:1
- 1.5 INSERTION LOSS: 0.8dB EXCLUDING COUP. LOSS
0.85dB INCLUDING COUP. LOSS

1.6 DIRECTIVITY:

- 2 to 12 GHz: 15dB MIN.
- 12 to 18 GHz: 12dB MIN.

1.7 POWER:

- AVG.: 20 WATTS
- PEAK: 3 KILOWATTS

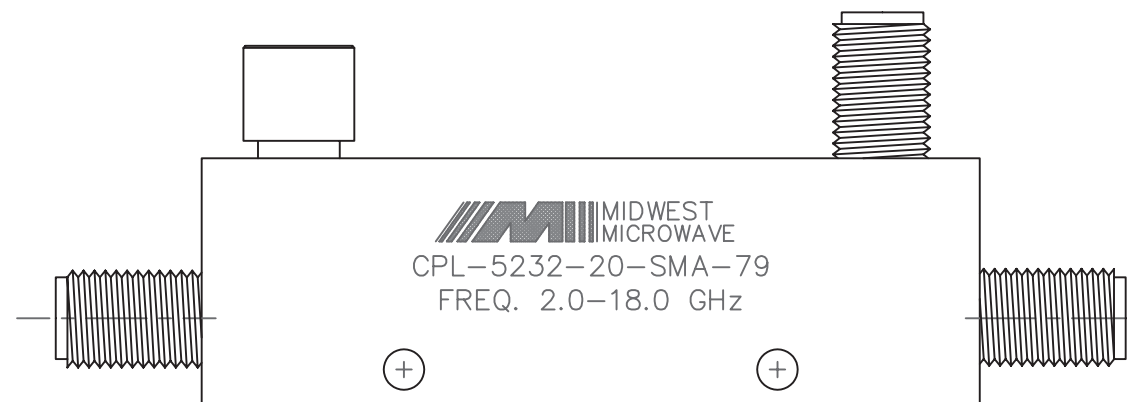
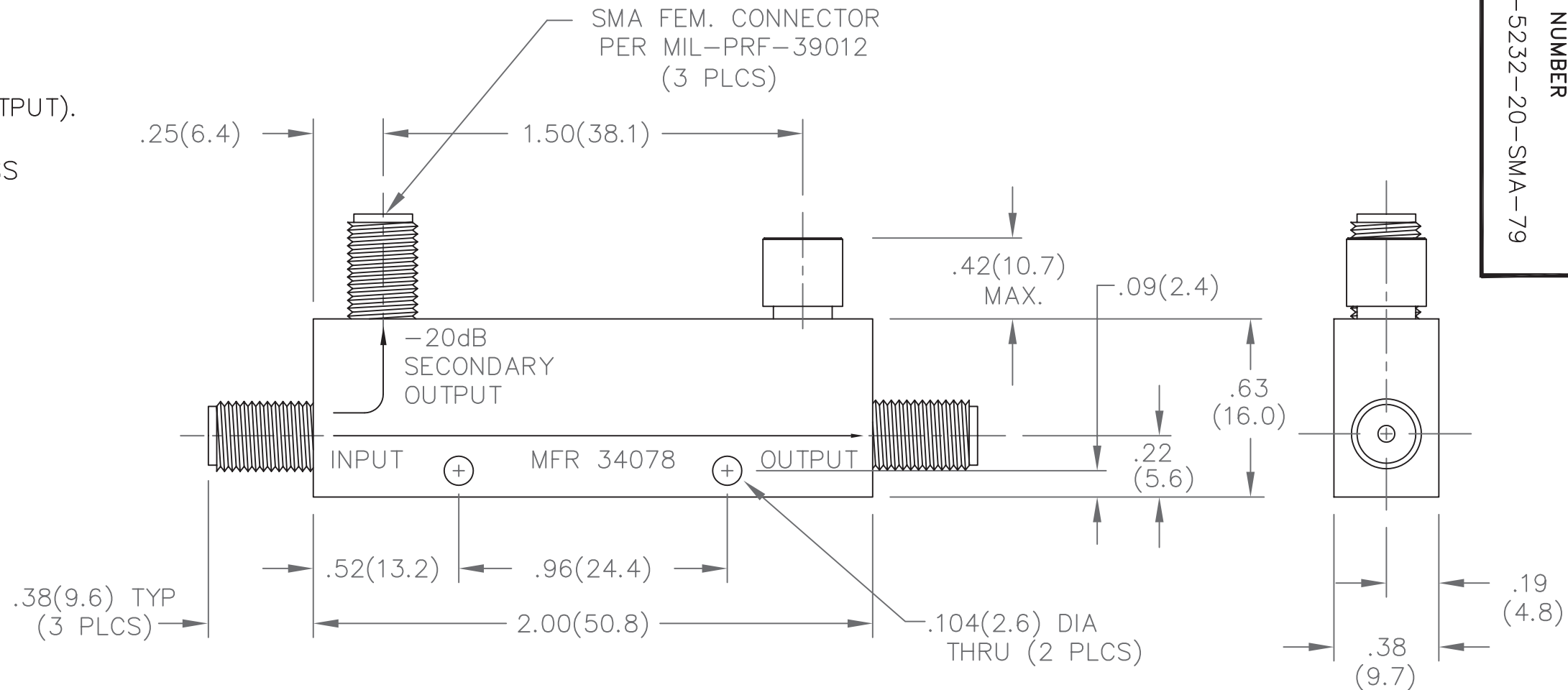
1.8 RF IMPEDANCE: 50 OHMS

1.9 WEIGHT: 1.30 Oz. (36.9 GRAMS)

2.0 FINISHING:

- 2.1 GREY OVER MIL-E-15090 TYPE II, CLASS 2
OVER MIL-C-5541 CLASS 3A
MEETS MIL-F-14072
MEETS MIL-E-5400 AND MIL-E-16400V.
- 2.2 MARK UNIT AS SHOWN.

3.0 DIMENSIONS IN PARENTHESIS ARE
IN MILLIMETERS.



BACKSIDE MARKING

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| <p>NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Cinch Connectivity Solutions.</p> <p>UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 3 PLACE DECIMALS ± 0.005 2 PLACE DECIMALS ± 0.02 FRACTIONS $\pm 1/64$ PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: $\pm 1^\circ$</p> | <p>CAGE CODE 34078</p> | <p>MIDWEST MICROWAVE</p> | |
| | <p>TITLE DIRECTIONAL COUPLER OUTLINE DRAWING</p> | | <p>DRAWING NUMBER CPL-5232-20-SMA-79-01</p> |
| <p>DRAWN/DATE A.BEATTY 12/11/91</p> | <p>ENG./DATE P.GOODMAN 12/12/91</p> | <p>SCALE: 2=1</p> | <p>REV. H</p> |
| <p>CHECKED/DATE A.CATALANO 12/11/91</p> | <p>APPROVED/DATE</p> | <p>SHEET 1 of 1</p> | |

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|-------------|----------|-----------|
| DATE | 12/12/91 | 11/09/10 |
| DESCRIPTION | RELEASED | ECO 22799 |
| REV. | I | H |